

TABLE 88. Centrally administered high-performance computing, by type of institution and computing architecture: FY 2009

Type of institution	Number of institutions	Number of institutions with HPC	Type of architecture			
			Clusters	MPP	SMP	Other
All academic	494	136	128	24	26	34
Doctorate granting	329	129	122	23	25	34
Nondoctorate granting	165	7	6	1	1	0
Public	320	96	92	15	20	24
Private	174	40	36	9	6	10
All biomedical	163	21	21	1	7	3

HPC = high-performance computing; MPP = massively parallel processors; SMP = symmetric multiprocessors.

NOTES: Each institution is counted only once in each architecture. Centrally administered HPC is located within a distinct organizational unit with a staff and a budget; the unit has a stated mission that includes supporting the HPC needs of faculty and researchers. Institutions may have HPC of more than one type of architecture.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Science and Engineering Research Facilities, FY 2009.